

Listing of claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 236. (canceled).

237. (previously presented) An isolated polypeptide comprising a member selected from the group consisting of:

- (a) a polypeptide of amino acid residues 1 to 796 of SEQ ID NO:2;
- (b) a polypeptide of amino acid residues 2 to 796 of SEQ ID NO:2; and
- (c) an epitope-bearing portion of a polypeptide consisting of amino acid residues 1 to 796 of SEQ ID NO:2.

238. (previously presented) The isolated polypeptide of claim 237, wherein said polypeptide is (a).

239. (previously presented) The isolated polypeptide of claim 237, wherein said polypeptide is (b).

240. (previously presented) The isolated polypeptide of claim 237, wherein said polypeptide is (c).

241. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Arg-10 to Arg-17 of SEQ ID NO:2.

242. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Lys-29 to Ser-39 of SEQ ID NO:2.

243. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ser-140 to Ala-153 of SEQ ID NO:2.

244. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Arg-158 to Tyr-169 of SEQ ID NO:2.

245. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Asp-175 to Ala-183 of SEQ ID NO:2.
246. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Gly-216 to Asn-236 of SEQ ID NO:2.
247. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ala-261 to Leu-270 of SEQ ID NO:2.
248. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Arg-282 to Phe-291 of SEQ ID NO:2.
249. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Thr-297 to Ala-305 of SEQ ID NO:2.
250. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Pro-342 to Gln-362 of SEQ ID NO:2.
251. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Phe-455 to Asp-463 of SEQ ID NO:2.
252. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues His-497 to Thr-511 of SEQ ID NO:2.
253. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ala-521 to Gly-529 of SEQ ID NO:2.
254. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ile-537 to Val-546 of SEQ ID NO:2.
255. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ile-556 to Ala-568 of SEQ ID NO:2.

256. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Pro-581 to Ser-595 of SEQ ID NO:2.

257. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Glu-670 to Ala-685 of SEQ ID NO:2.

258. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Ser-696 to Ala-705 of SEQ ID NO:2.

259. (currently amended) The isolated polypeptide of claim 240, wherein said epitope-bearing portion comprises amino acid residues Leu-782 to Ser-791 of SEQ ID NO:2.

260. (previously presented) The isolated polypeptide of claim 237, wherein said polypeptide is fused to a heterologous polypeptide.

261. (previously presented) A method of using the polypeptide of claim 238 to detect an antibody which specifically binds said polypeptide comprising:

- (a) obtaining a biological sample containing said antibody;
- (b) obtaining a biological sample containing said polypeptide;
- (c) contacting said antibody containing sample with said polypeptide containing sample under conditions suitable for said antibody to specifically bind said polypeptide; and
- (d) detecting the presence of said antibody bound to said polypeptide.

262. (previously presented) A method of producing the polypeptide of claim 237 comprising:

- (a) culturing a host cell capable of expressing said polypeptide under conditions suitable to produce said polypeptide; and
- (b) isolating said polypeptide from host cell.

263. (canceled).

264. (previously presented) A polypeptide produced according to the method of claim 262.

265 - 268. (canceled).